

IC (Top View)

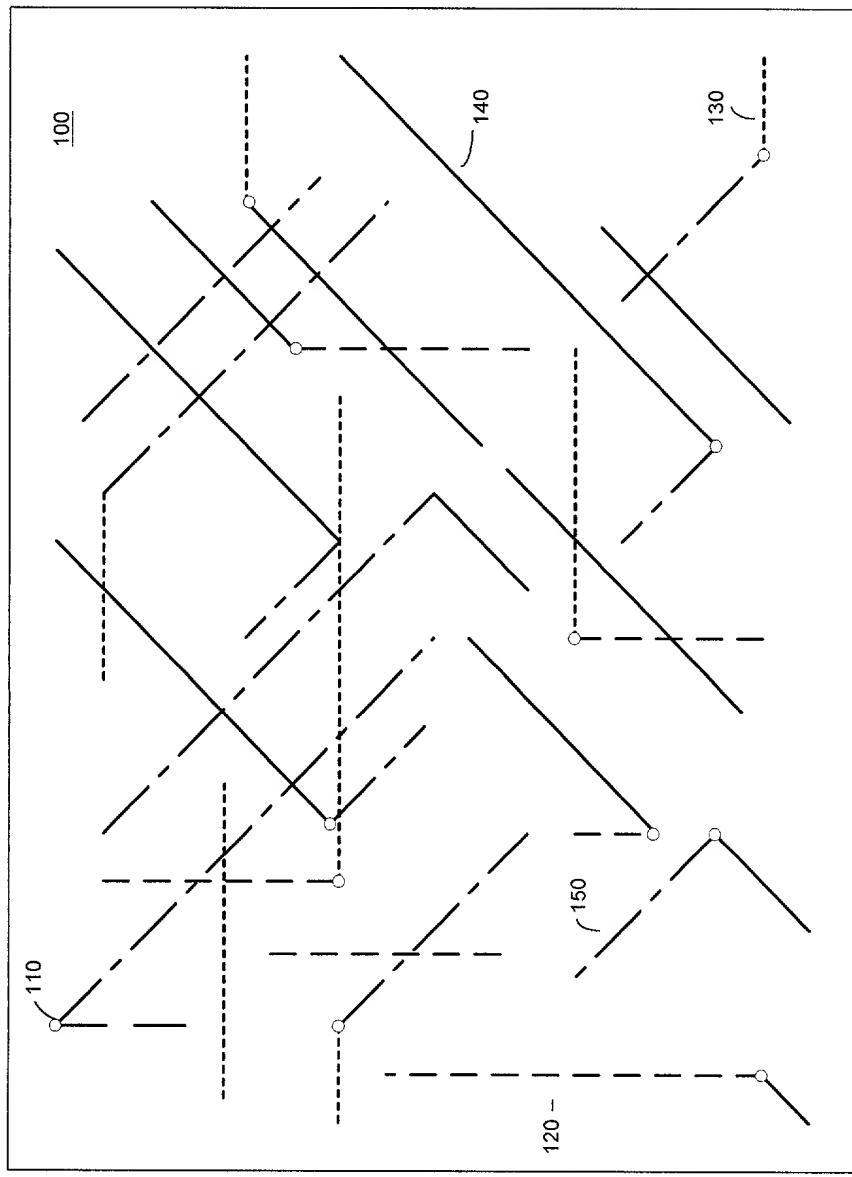


Figure 1a

IC (Top View)

155

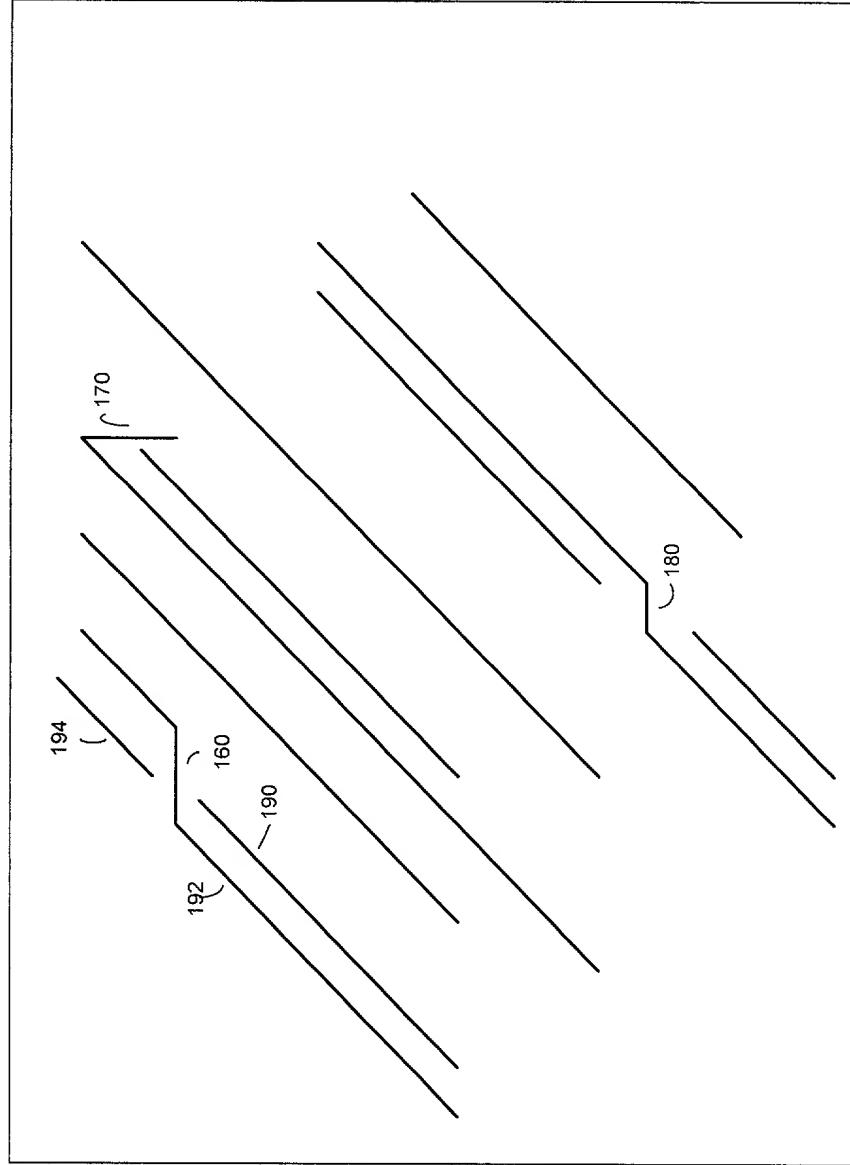
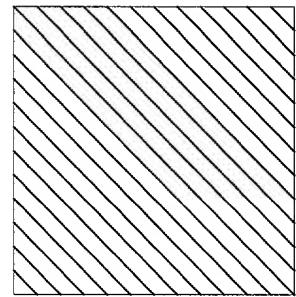
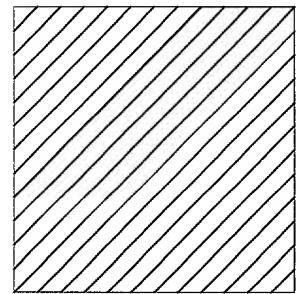


Figure 1b



Layer "n+1"

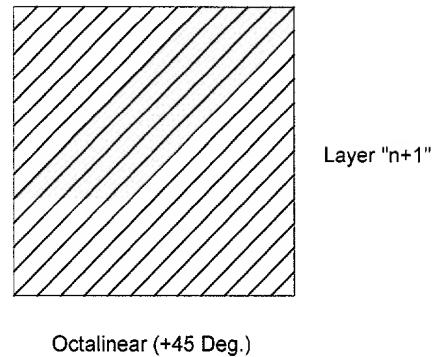
Octalinear (-45 Deg.)



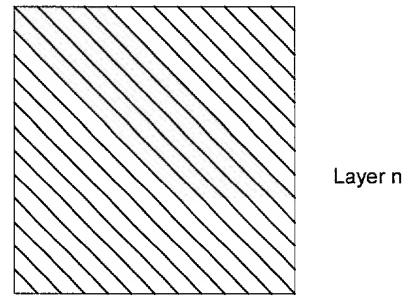
Layer "n"

Octalinear (+45 Deg.)

Figure 2a



Octalinear (+45 Deg.)



Octalinear (-45 Deg.)

Figure 2b

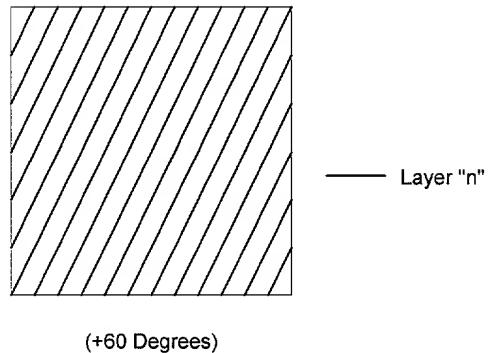
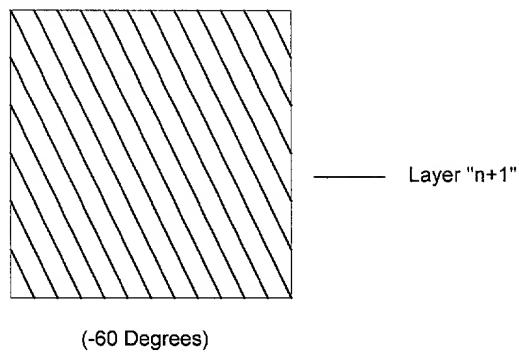


Figure 3a

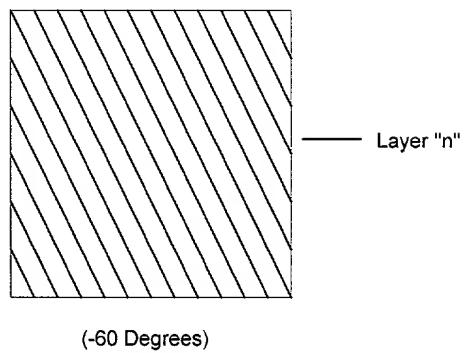
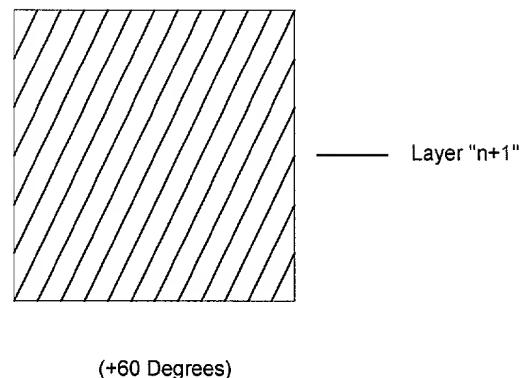


Figure 3b

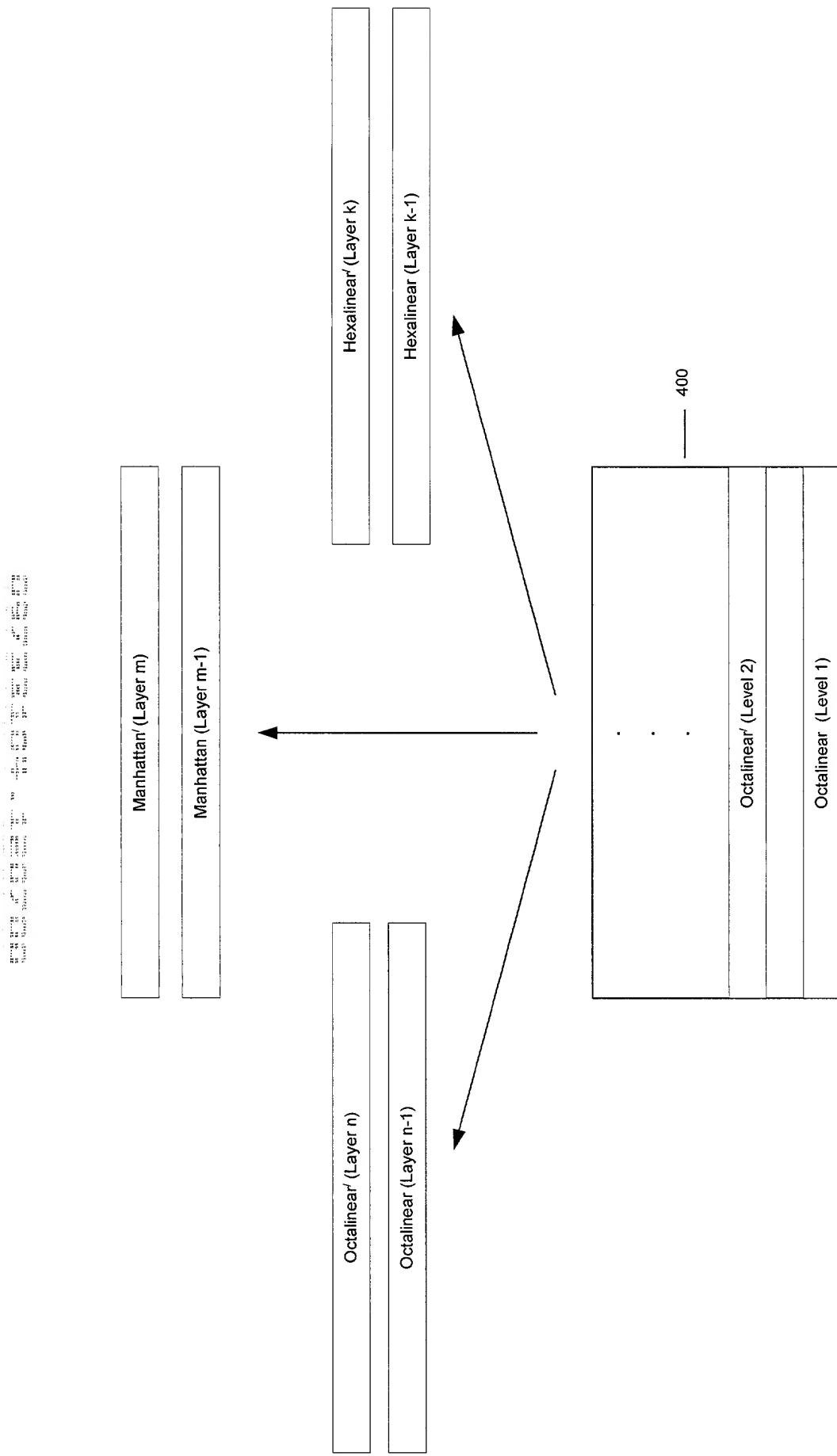


Figure 4a

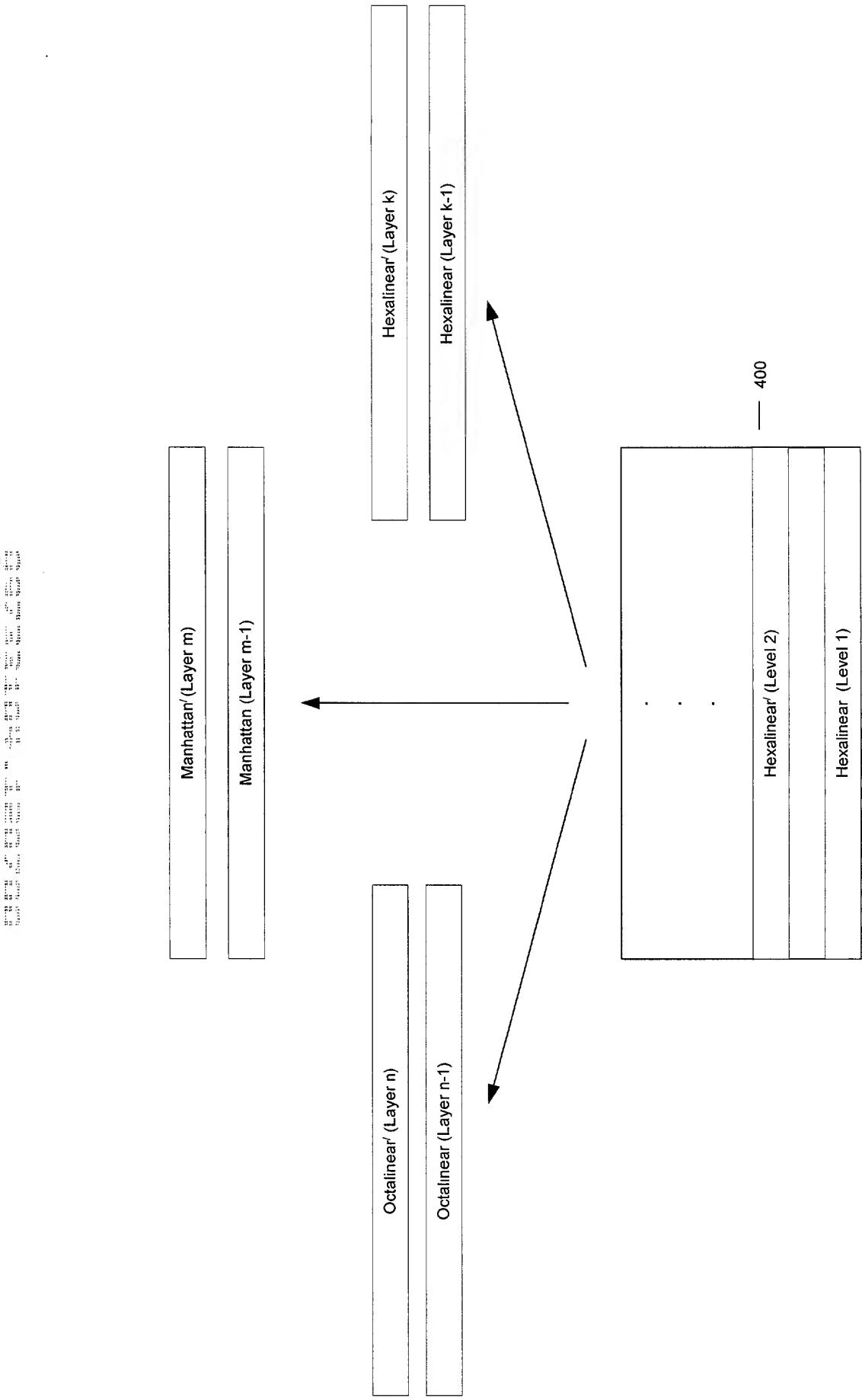
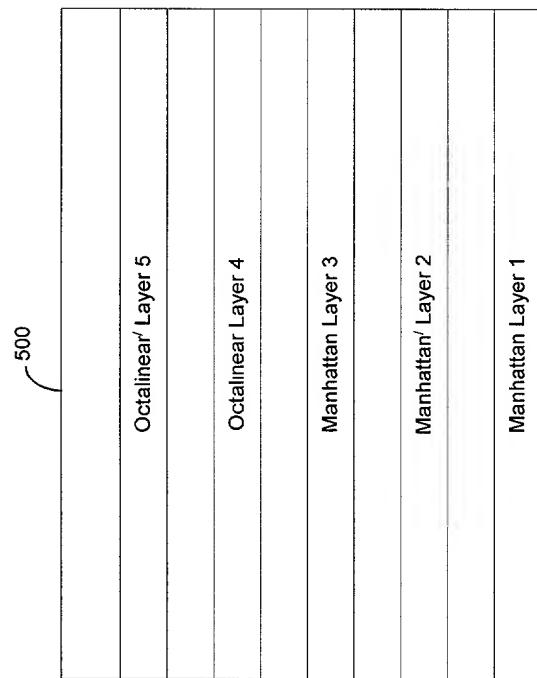


Figure 4b

Figure 5a



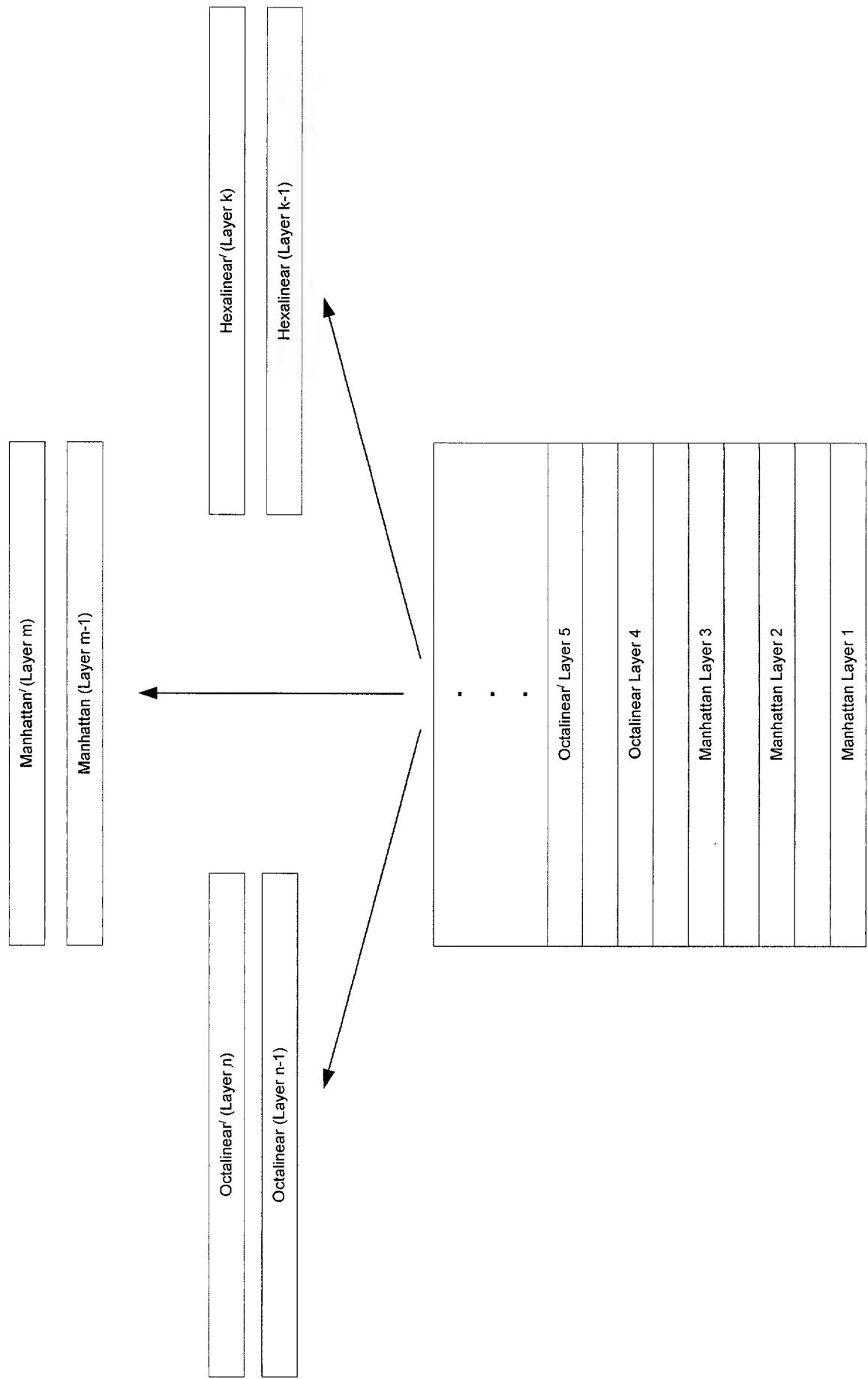
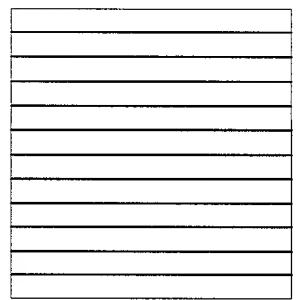
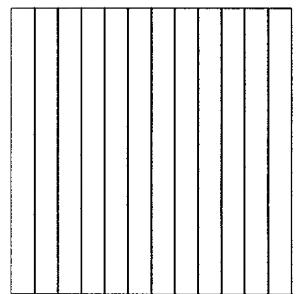


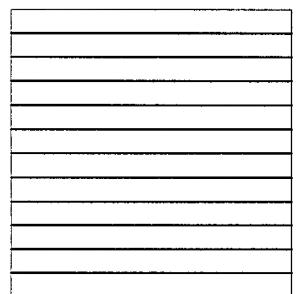
Figure 5b



Horizont

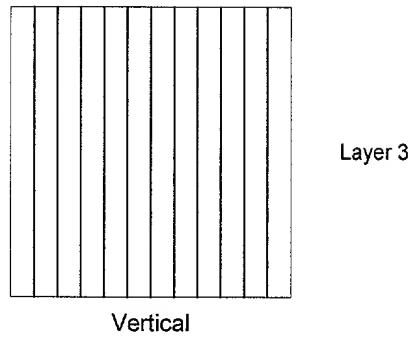


Vertical



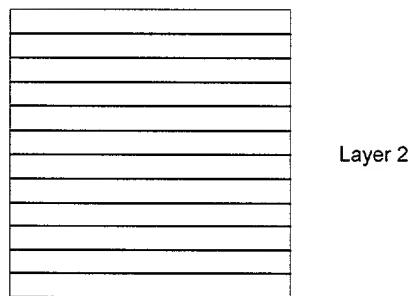
Horizont

Figure 6a



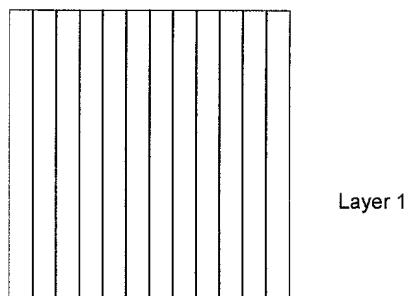
Vertical

Layer 3



Horizont

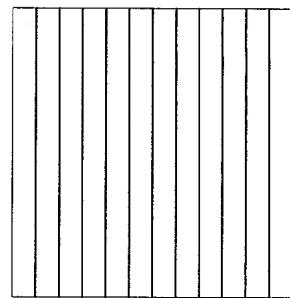
Layer 2



Vertical

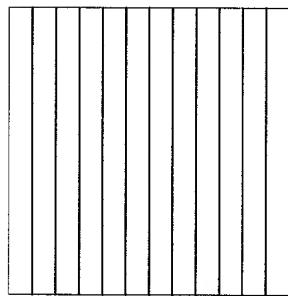
Layer 1

Figure 6b



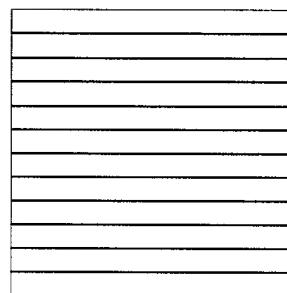
Layer 3

Vertical



Layer 2

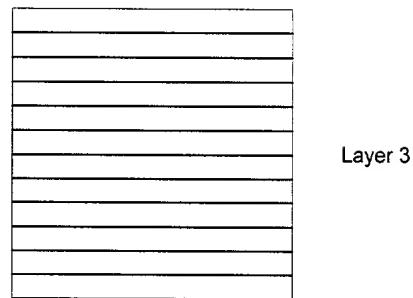
Vertical



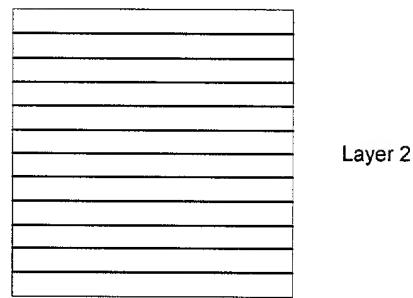
Layer 1

Horizont

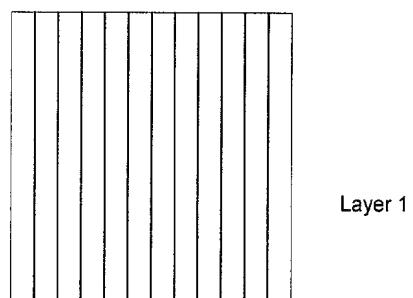
Figure 6c



Horizont



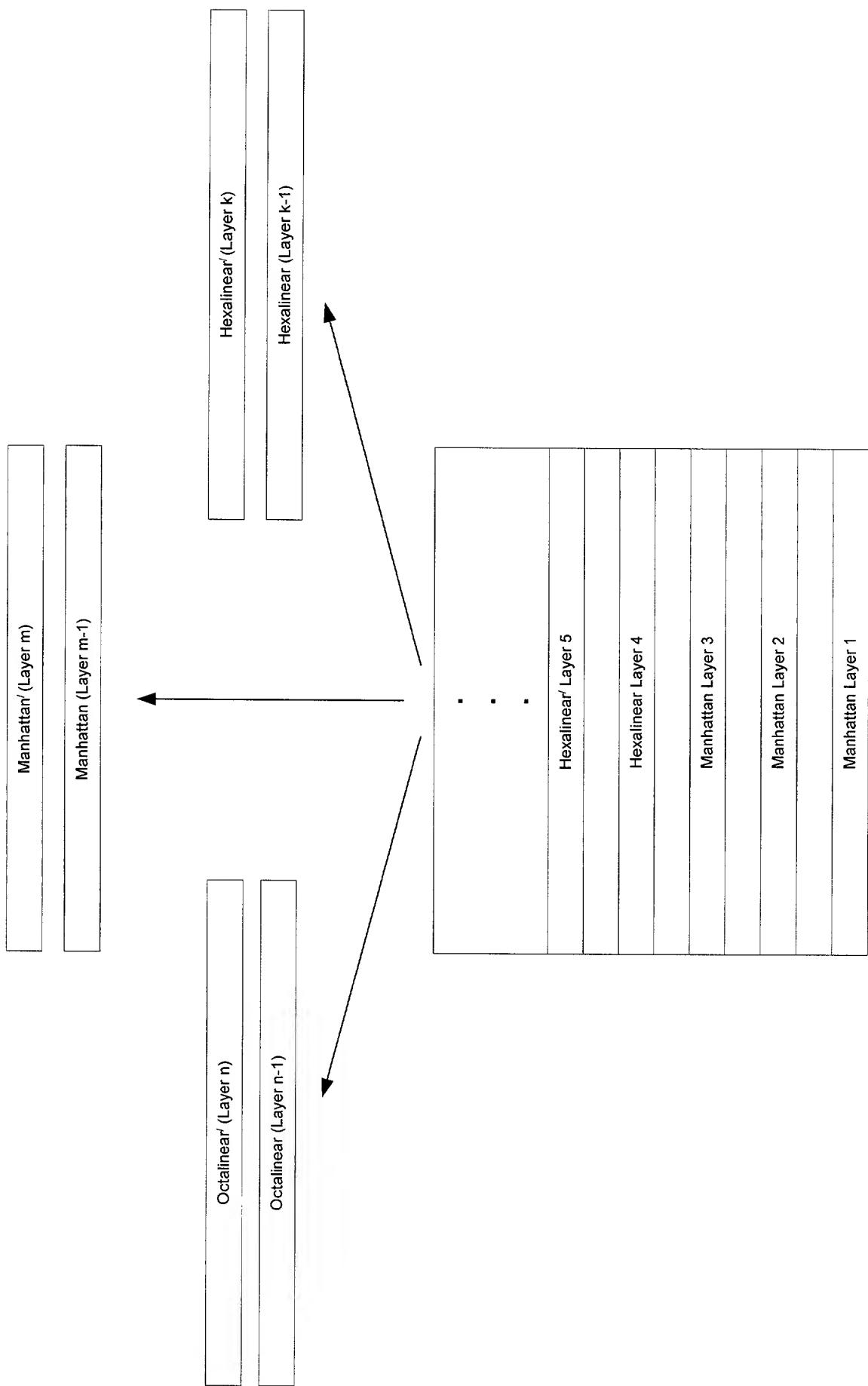
Horizont



Vertical

Figure 6d

Figure 7



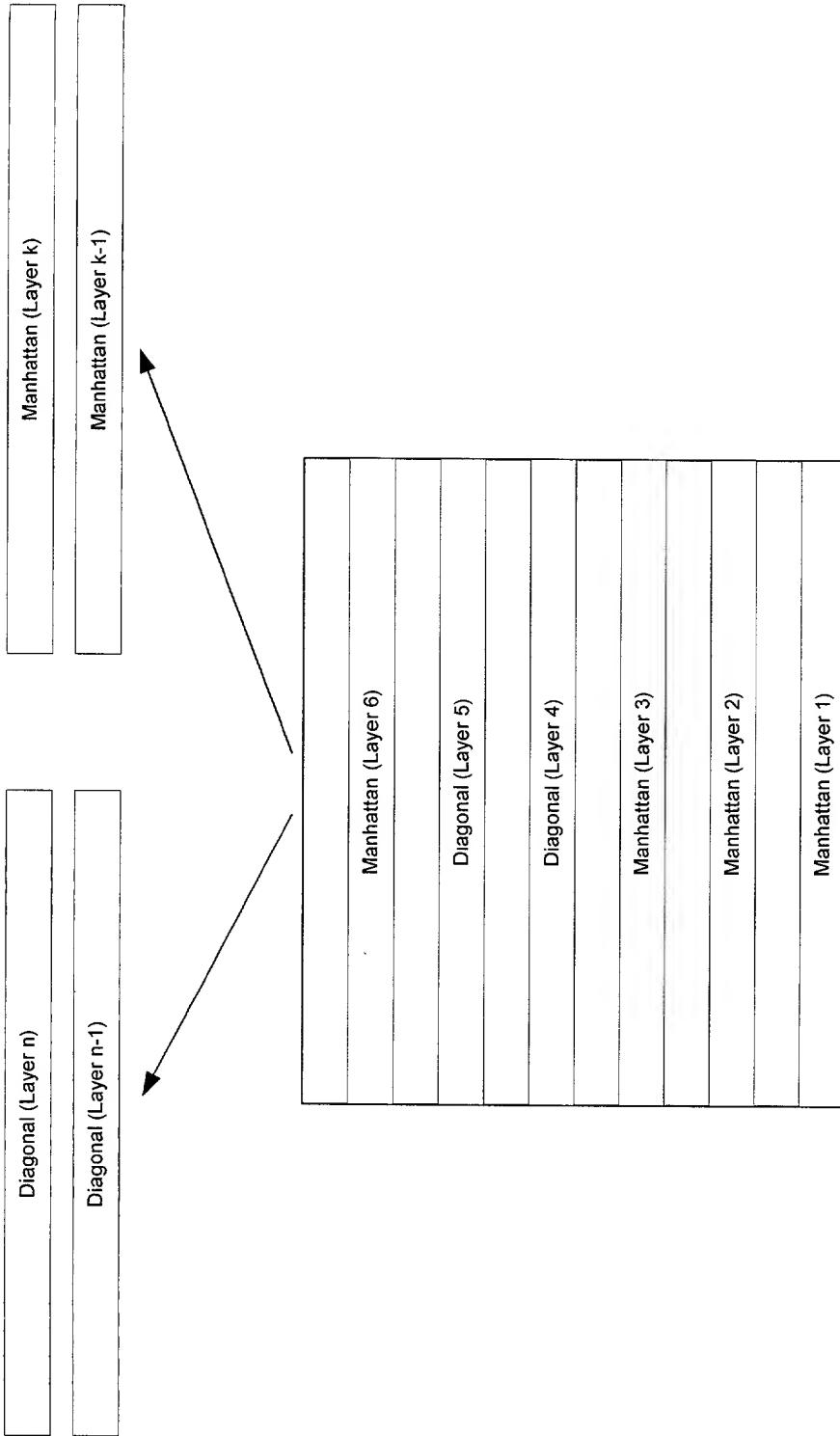


Figure 8

Diagram illustrating the structure of a multi-layered network, showing the flow of data from input layers to output layers.

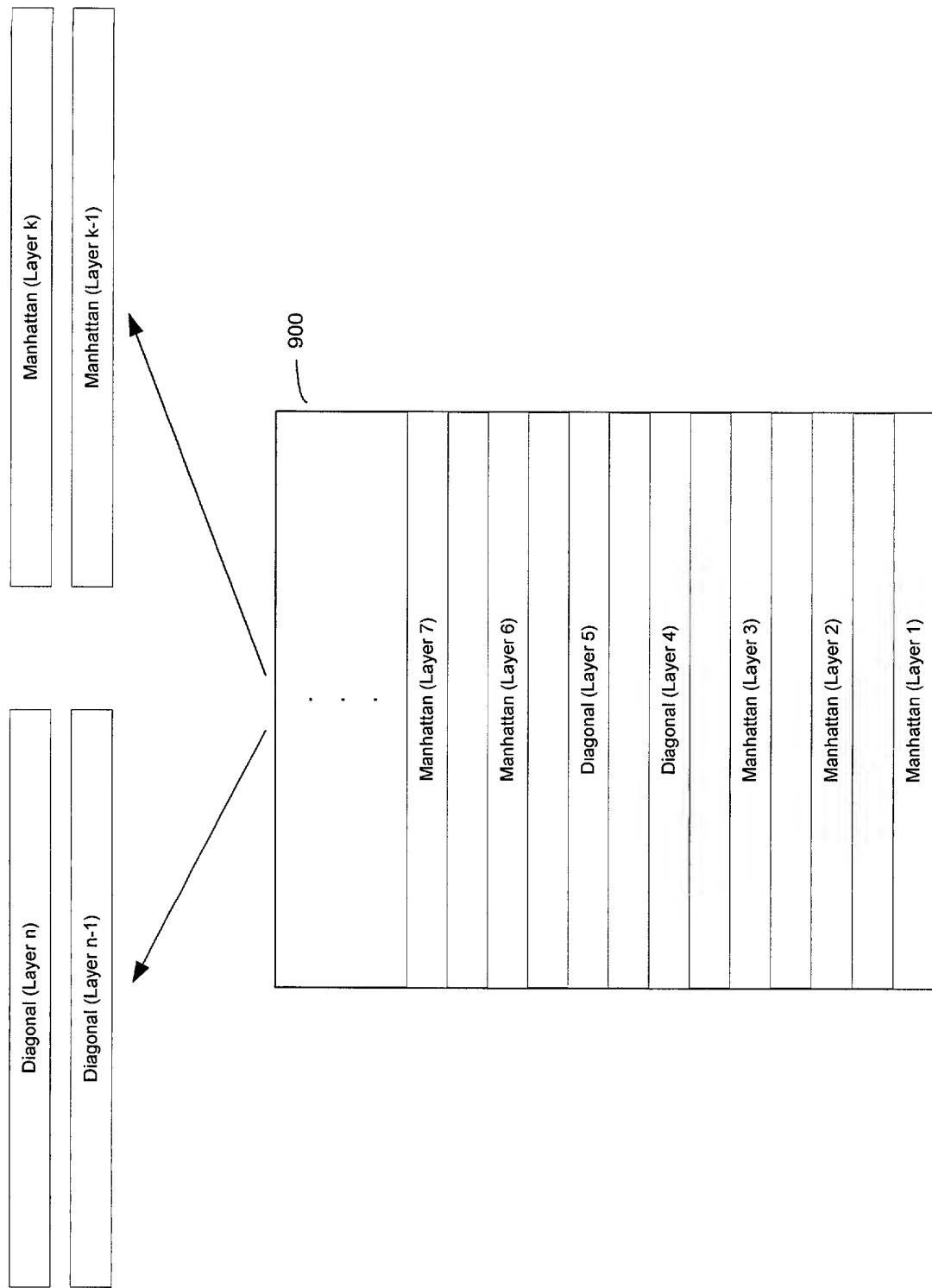


Figure 9

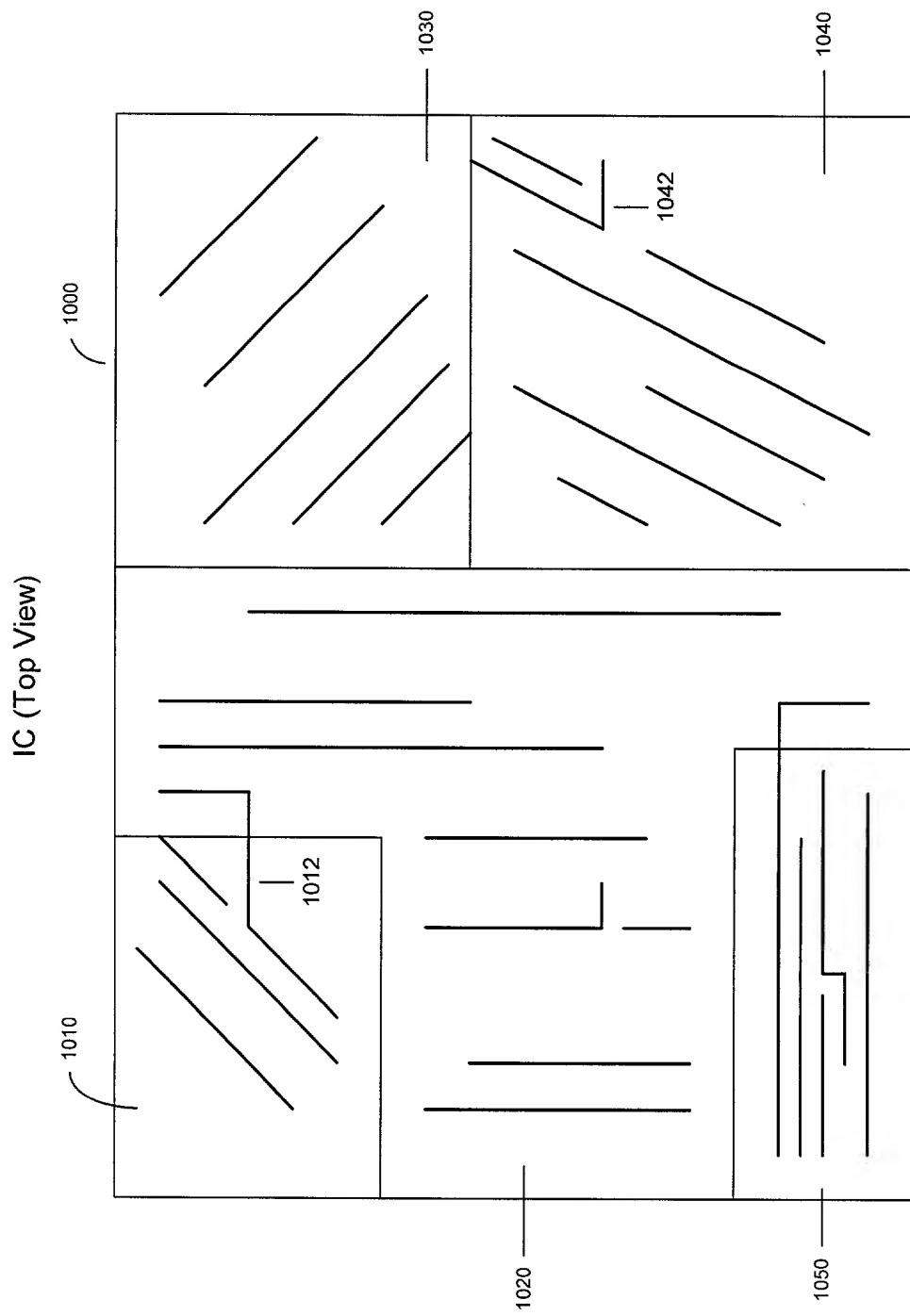
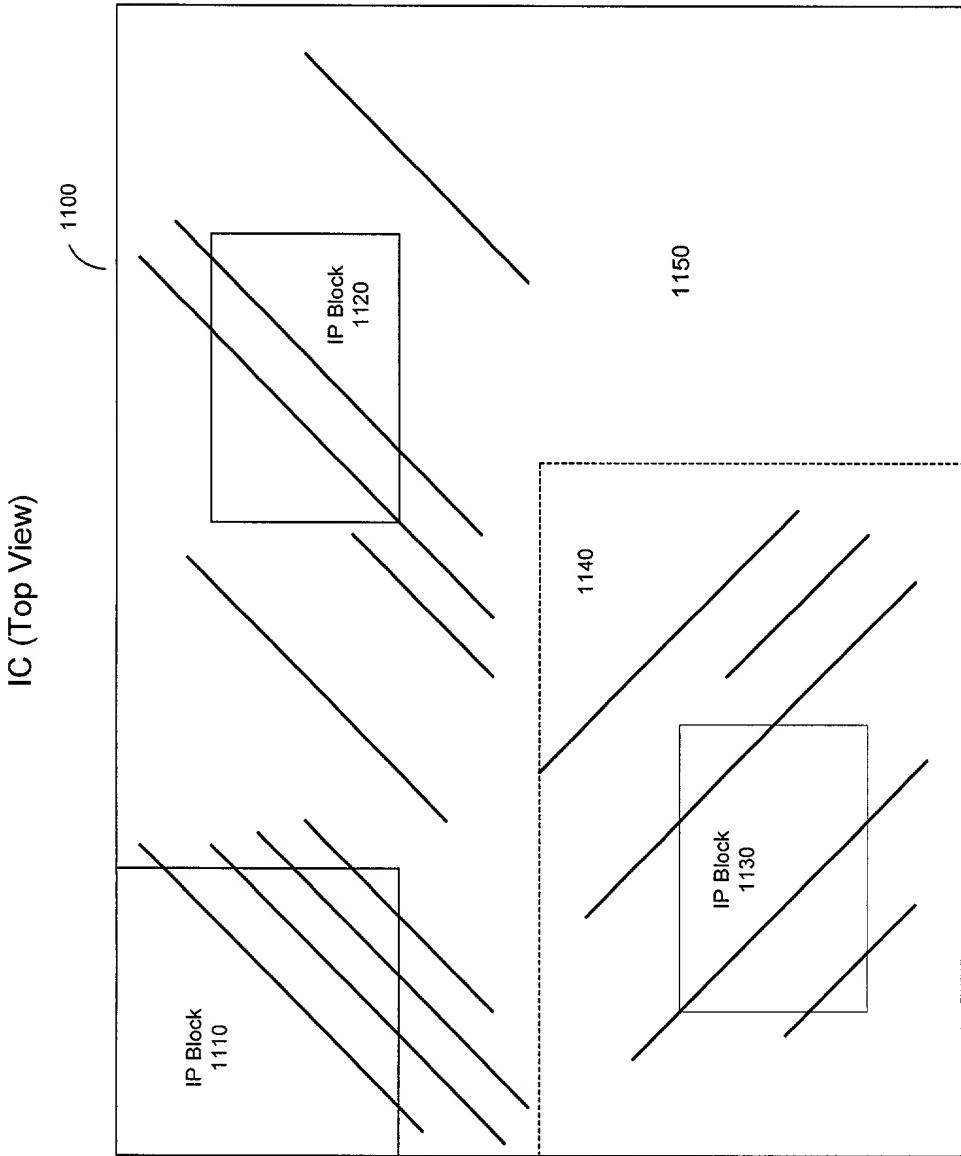


Figure 10

Figure 11



1220 —————— 1240 —————— 1235
r1210 —————— 1250 —————— r1245
r1230 ——————

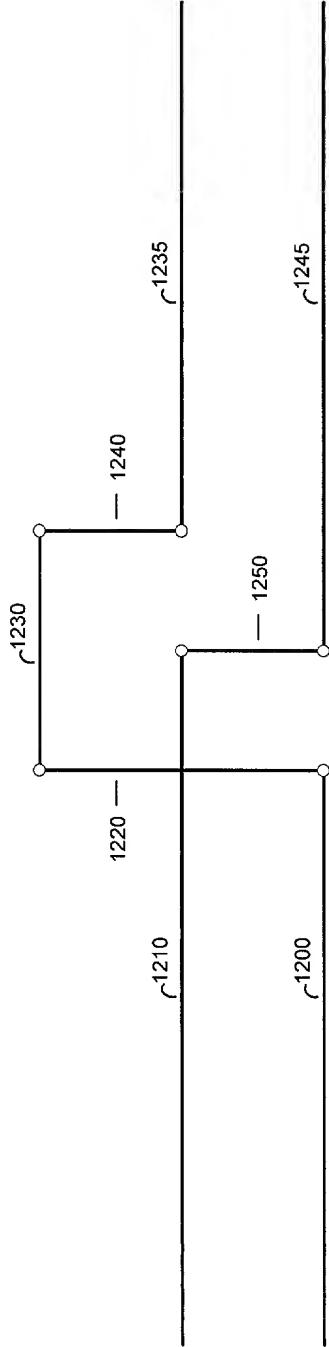


Figure 12a

Prior Art

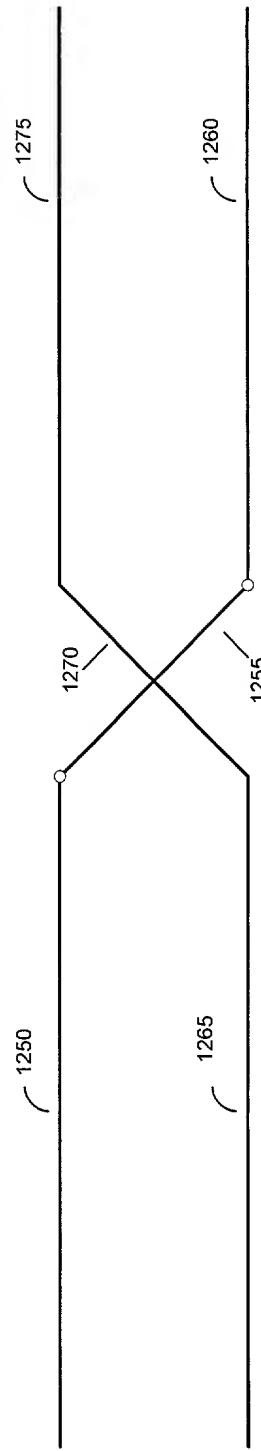
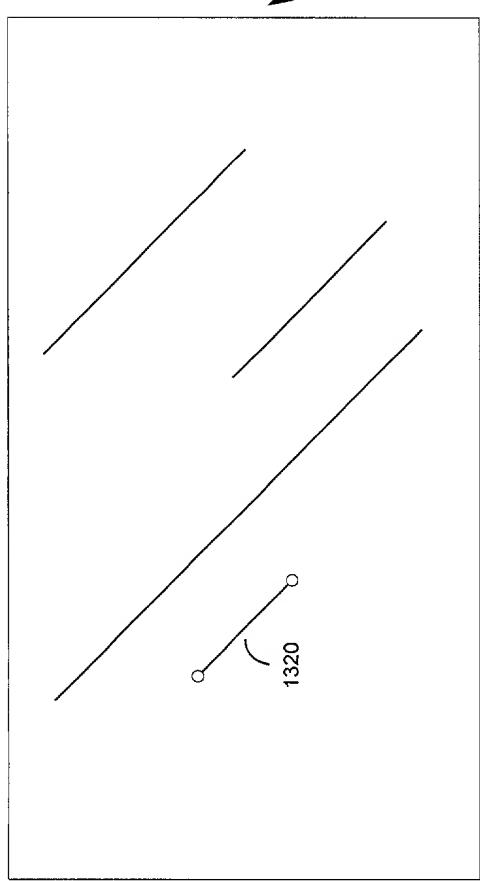
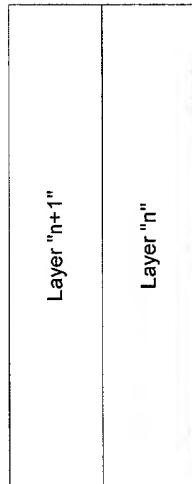


Figure 12b

Layer "n+1" (Top View)



Metal Layers Side View



Layer "n" (Top View)

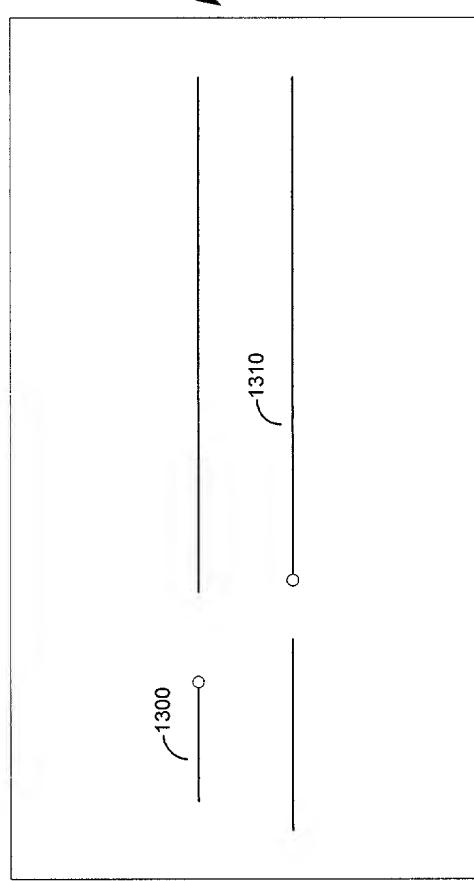


Figure 13

Figure 14 shows a diagram of a stepped surface with a coordinate system. The vertical axis is labeled X, the horizontal axis is labeled Y, and the depth axis is labeled Z. The surface consists of several steps. The top step is labeled 1440. The second step from the top is labeled 1430. The third step from the top is labeled 1420. The bottom-most step is labeled 1410. A curved arrow at the top left indicates a clockwise direction of flow or movement. A point labeled A is located on the 1420 step.

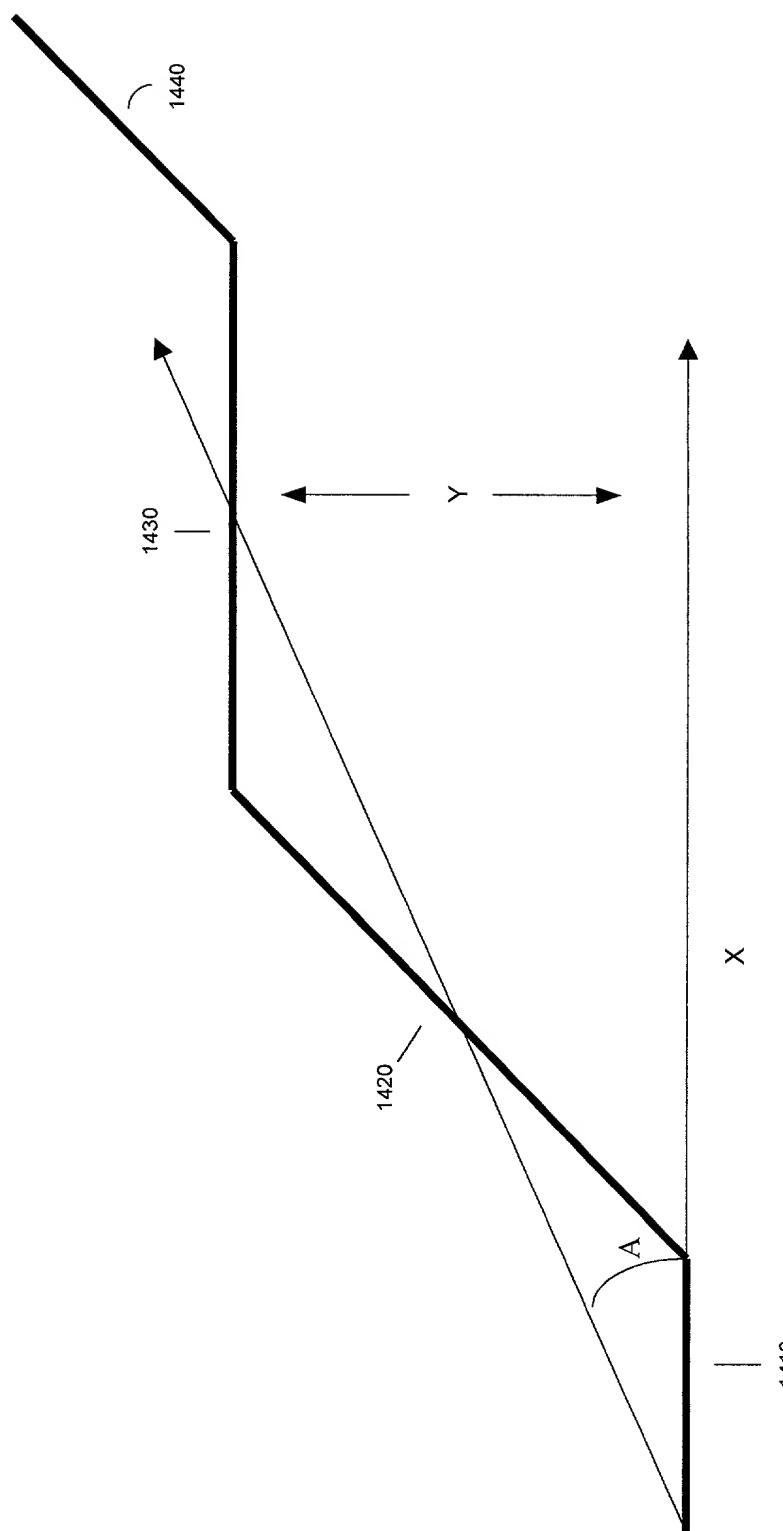


Figure 14

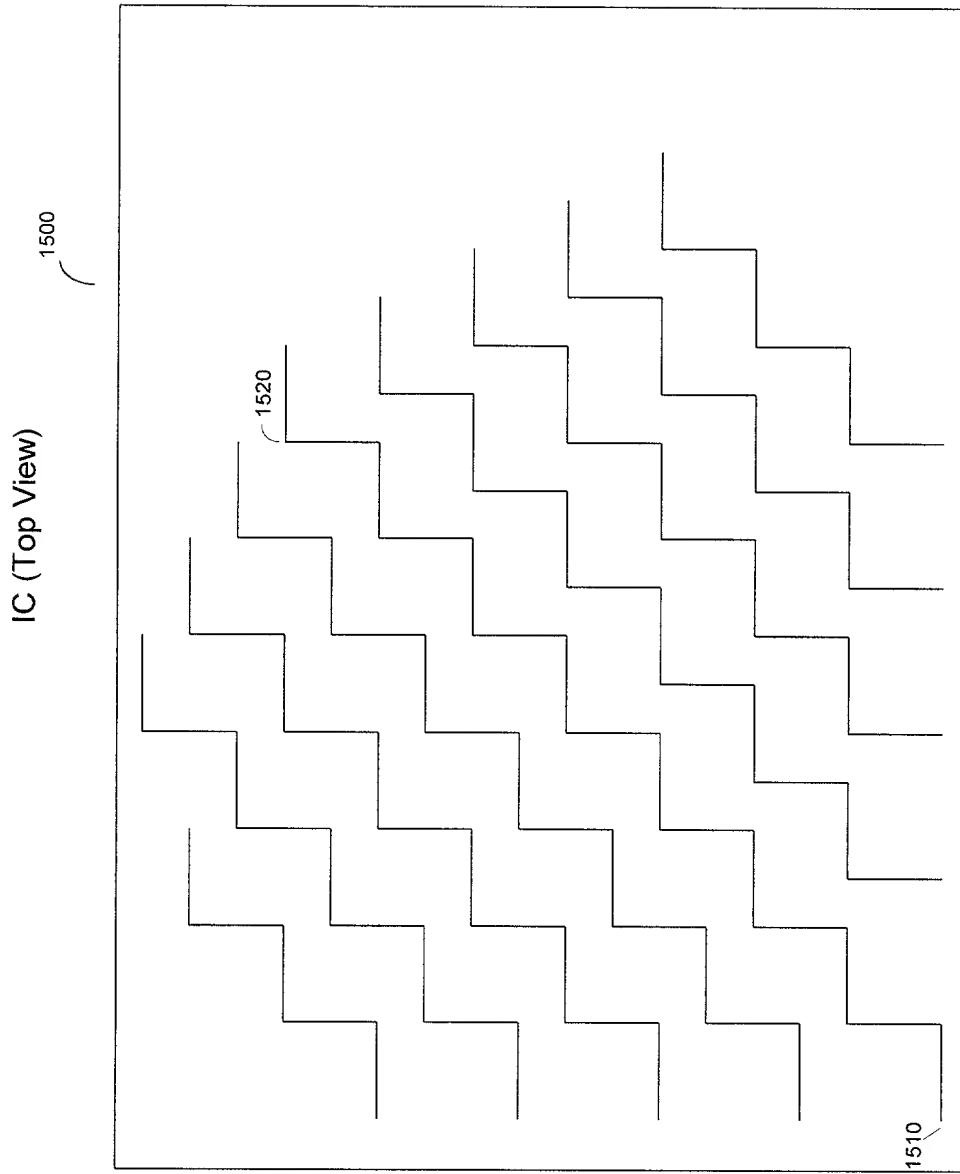


Figure 15

IC (Top View)

1600
Clock
1610

1620
1630
— 1640

Figure 16